

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/572,883  
Source: FWP  
Date Processed by STIC: 3/29/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 03/29/2006

PATENT APPLICATION: US/10/572,883

TIME: 09:52:32

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\03292006\J572883.raw

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3 <110> APPLICANT: Bayer HealthCare AG
4     Golz, Stefan
5     Bruggemeier, Ulf
6     Geerts, Andreas
8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
9     G-Protein Coupled Receptor ADIPOR1 (ADIPOR1)
11 <130> FILE REFERENCE: LeA 36 901
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/572,883
C--> 13 <141> CURRENT FILING DATE: 2006-03-20
13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/010384
14 <151> PRIOR FILING DATE: 2004-09-16
16 <150> PRIOR APPLICATION NUMBER: EP03021898.6
17 <151> PRIOR FILING DATE: 2003-09-27
19 <160> NUMBER OF SEQ ID NOS: 5
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 2100
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
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31 gggggaccgc ggccccccagc agagcccgcg tgcccggcct gtctaccatc agagggagat      120
33 ctctgcccc tggggctgag agaccccac ctttcccaa gctgaagctg caggggtattg      180
35 aggtaccagc cagatgtctt ccacaaaagg atctgtggtg gcacagggga atggggctcc      240
37 tgccagtaac agggaagctg acacggtgga actggctgaa ctgggacccc tgctagaaga      300
39 gaagggcaaa cgggtaatcg ccaaccacc caaagctgaa gaagagcaaa catgcccagt      360
41 gccccaggaa gaagaggagg aggtgcgggt actgacactt cccctgcaag cccaccacgc      420
43 catggagaag atggaagagt ttgtgtacaa ggtctgggag ggacgttgga gggtcattcc      480
45 atatgatgtg ctccctgact ggctaaagga caacgactat ctgctacatg gtcatagacc      540
47 tcccatgccc tccttttcggg cttgcttcaa gagcatcttc cgcattcata cagaaactgg      600
49 caacatctgg acccatctgc ttggtttcgt gctgtttctc tttttgggaa tcttgaccat      660
51 gctcagacca aatatgtact tcatggcccc tctacaggag aaggtgggtt ttgggatgtt      720
53 ctttttgggt gcagtgtctt gcctcagctt ctccctggctc tttcacaccg tctattgtca      780
55 ttcagagaaa gtctctcggg ctttttccaa actggactat tcagggattg ctcttctaata      840
57 tatggggagc tttgtccctt ggctctatta ttccttctac tgctccccac agccacggct      900
59 catctacctc tccatcgtct gtgtcctggg cattttctgcc atcattgtgg cgcagtggga      960
61 ccggttttgc actcctaagc accggcagac aagagcaggc gtgttcctgg gacttggtt      1020
63 gagtggcgct gtgcccacca tgcactttac tatcgctgag ggctttgtca aggccaccac      1080
65 agtggggccag atgggctggt tcttctcat ggctgtgatg tacatcactg gagctggcct      1140
67 ttatgctgct cgaattcctg agcgcttctt tcctggaaaa tttgacatat ggttccagtc      1200
69 tcatcagatt ttccatgtcc tgggtggtggc agcagccttt gtccacttct atggagtctc      1260
71 caaccttcag gaattccgtt acggcctaga agcggtgtgt actgatgaca cccttctctg      1320
73 agccttccca cctgcgggggt ggaggaggaa cttcccaagt gcttttaaaa ataacttctt      1380

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75 tgctgaagtg agaggaagag tctgagttgt ctgtttctag aagaaacctc ttagagaatt 1440
77 cagtaccaac caagcttcag cccactttca caccactgg gcaataaact ttccatttcc 1500
79 attctcctag ctgggggatgg ggcattgtca aacttagcca tcccctctc agcaaggcat 1560
81 ctaccggccc ctcacagaga cagtactttg aaactcatgt tgagatttta ccctctctc 1620
83 caaccatttt gggaaaatta tggactggga ctcttcagaa attctgtctt ttcttctgga 1680
85 agaaaatgtc cctcccttac ccccatcctt aactttgtat cctggcttat aacaggccat 1740
87 ccatttttgt agcacacttt tcaaaaacaa ttatataccc tgggtcccatc tttctagggc 1800
89 ctggatctgc ttatagagca ggaagaataa agccaccaac ttttacctag cccggctaatt 1860
91 catggaagtg tgtccaggct tcaagtaact tgagttttta tttttttttt ttcttggcag 1920
93 agtaatgtaa aattttaaatg gggaaagata tttaatattt aataactaagc tttaaaaaga 1980
95 aacctgctat cattgctatg tatcttgatg caaagactat gatgttaata aaagaaagta 2040
97 cagaagagac ttggcattca aagatttcaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2100
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101 <211> LENGTH: 375
102 <212> TYPE: PRT
103 <213> ORGANISM: Homo sapiens
105 <400> SEQUENCE: 2
107 Met Ser Ser His Lys Gly Ser Val Val Ala Gln Gly Asn Gly Ala Pro
108 1 5 10 15
111 Ala Ser Asn Arg Glu Ala Asp Thr Val Glu Leu Ala Glu Leu Gly Pro
112 20 25 30
115 Leu Leu Glu Glu Lys Gly Lys Arg Val Ile Ala Asn Pro Pro Lys Ala
116 35 40 45
119 Glu Glu Glu Gln Thr Cys Pro Val Pro Gln Glu Glu Glu Glu Val
120 50 55 60
123 Arg Val Leu Thr Leu Pro Leu Gln Ala His His Ala Met Glu Lys Met
124 65 70 75 80
127 Glu Glu Phe Val Tyr Lys Val Trp Glu Gly Arg Trp Arg Val Ile Pro
128 85 90 95
131 Tyr Asp Val Leu Pro Asp Trp Leu Lys Asp Asn Asp Tyr Leu Leu His
132 100 105 110
135 Gly His Arg Pro Pro Met Pro Ser Phe Arg Ala Cys Phe Lys Ser Ile
136 115 120 125
139 Phe Arg Ile His Thr Glu Thr Gly Asn Ile Trp Thr His Leu Leu Gly
140 130 135 140
143 Phe Val Leu Phe Leu Phe Leu Gly Ile Leu Thr Met Leu Arg Pro Asn
144 145 150 155 160
147 Met Tyr Phe Met Ala Pro Leu Gln Glu Lys Val Val Phe Gly Met Phe
148 165 170 175
151 Phe Leu Gly Ala Val Leu Cys Leu Ser Phe Ser Trp Leu Phe His Thr
152 180 185 190
155 Val Tyr Cys His Ser Glu Lys Val Ser Arg Thr Phe Ser Lys Leu Asp
156 195 200 205
159 Tyr Ser Gly Ile Ala Leu Leu Ile Met Gly Ser Phe Val Pro Trp Leu
160 210 215 220
163 Tyr Tyr Ser Phe Tyr Cys Ser Pro Gln Pro Arg Leu Ile Tyr Leu Ser
164 225 230 235 240
167 Ile Val Cys Val Leu Gly Ile Ser Ala Ile Val Ala Gln Trp Asp
168 245 250 255

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171 Arg Phe Ala Thr Pro Lys His Arg Gln Thr Arg Ala Gly Val Phe Leu
172                260                265                270
175 Gly Leu Gly Leu Ser Gly Val Val Pro Thr Met His Phe Thr Ile Ala
176                275                280                285
179 Glu Gly Phe Val Lys Ala Thr Thr Val Gly Gln Met Gly Trp Phe Phe
180                290                295                300
183 Leu Met Ala Val Met Tyr Ile Thr Gly Ala Gly Leu Tyr Ala Ala Arg
184 305                310                315                320
187 Ile Pro Glu Arg Phe Phe Pro Gly Lys Phe Asp Ile Trp Phe Gln Ser
188                325                330                335
191 His Gln Ile Phe His Val Leu Val Val Ala Ala Ala Phe Val His Phe
192                340                345                350
195 Tyr Gly Val Ser Asn Leu Gln Glu Phe Arg Tyr Gly Leu Glu Gly Gly
196                355                360                365
199 Cys Thr Asp Asp Thr Leu Leu
200                370                375

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203 &lt;210&gt; SEQ ID NO: 3

204 &lt;211&gt; LENGTH: 19

205 &lt;212&gt; TYPE: DNA

206 &lt;213&gt; ORGANISM: Artificial

208 &lt;220&gt; FEATURE:

209 &lt;223&gt; OTHER INFORMATION: Primer1 (forward primer)

211 &lt;400&gt; SEQUENCE: 3

212 gagaagggca aacgggtaa

19

215 &lt;210&gt; SEQ ID NO: 4

216 &lt;211&gt; LENGTH: 19

217 &lt;212&gt; TYPE: DNA

218 &lt;213&gt; ORGANISM: Artificial

220 &lt;220&gt; FEATURE:

221 &lt;223&gt; OTHER INFORMATION: Primer2 (reverse primer)

223 &lt;400&gt; SEQUENCE: 4

224 ctcttcttcc tggggcact

19

227 &lt;210&gt; SEQ ID NO: 5

228 &lt;211&gt; LENGTH: 24

229 &lt;212&gt; TYPE: DNA

230 &lt;213&gt; ORGANISM: Artificial

232 &lt;220&gt; FEATURE:

233 &lt;223&gt; OTHER INFORMATION: Probe1

235 &lt;400&gt; SEQUENCE: 5

236 cccacccaaa gctgaagaag agca

24

RAW SEQUENCE LISTING ERROR SUMMARY

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Input Set : A:\PTO.RJ.txt

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#: 3, 4, 5

VERIFICATION SUMMARY

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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\03292006\J572883.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date